

# DATA RETARDANT



Product: RETARDANT

Ref.: KRT - 50

## DESCRIPTION

Powdered additive that has a high retarding effect while fluidizing mortars and work pastes based on cement and calcium sulphate, producing accelerated hardening after setting and high final resistance. It is free of chlorides.

## USES

It is used as a retarder/plasticizer in cement-based work pastes and mortars where a controlled delay in setting time is required.

## PREPARATION

-Addition of the KRT-50 Retardant content in the kneading and mixing by mechanical means at half a revolution until a homogeneous mass is obtained.

## ADVANTAGES

- The length of the setting time can be controlled.
- Increased resistances
- Reduces shrinkage and segregation.
- Does not occlude supplemental air.

## TECHNICAL SPECIFICATIONS (internal quality tests)

	RETARDANT	
Appearance:	Powder	Mixture density: Not applicable.
Color:	White	pH : 8,5
Density (kg/l):	0,800	Time of use of the mixture: 12 - 16 h. at 20°C   60% relative humidity
Mix ratio :	De 0,2 a 2 %	Application temperature: Not less than 5°C or greater than 35°C
Dangerous Goods: Kit NOT classified as ADR/RID, IMDG, ICAO/IATA		Waiting time before sealing: 24 h. at 20°C   60% relative humidity
Drying time between coats: 3-4 h. at 20°C   60% relative humidity		Passability once sealed: 48 h. at 20°C   60% relative humidity
Expiration: 2 years from the date of production in its container		Suitable for underfloor heating: Yes (minimum screeds of 4 cm.)
Compressive strength:		Storage: At a minimum temperature of 0°C and a maximum of 40°C
		Flexural strength:

Recommendations and technical data reflected in this data sheet are based on laboratory tests and our experience in practice, declining all responsibility for consequences derived from improper use. Date: August 2016. Version: 1.0



Camino del avenida 2 s/n | 45290 Pantoja - Toledo | Tel. (+34) 911 407 965- [www.cement-design.com](http://www.cement-design.com) – [info@cement-design.com](mailto:info@cement-design.com)